

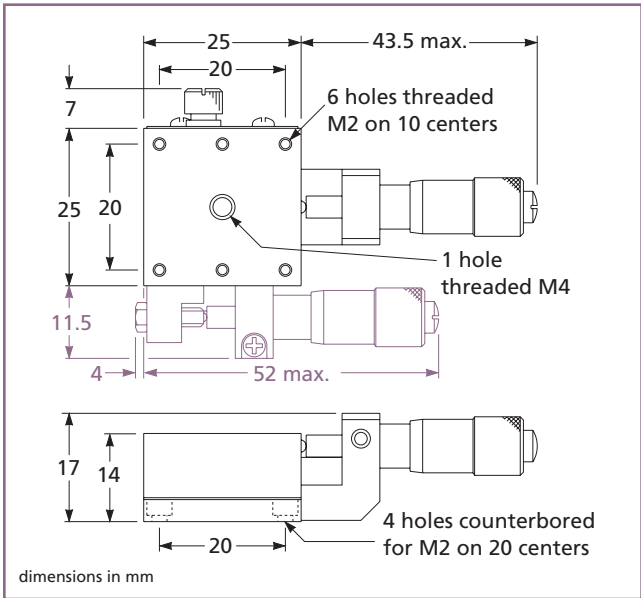
Available in:
✓ Production Quantities



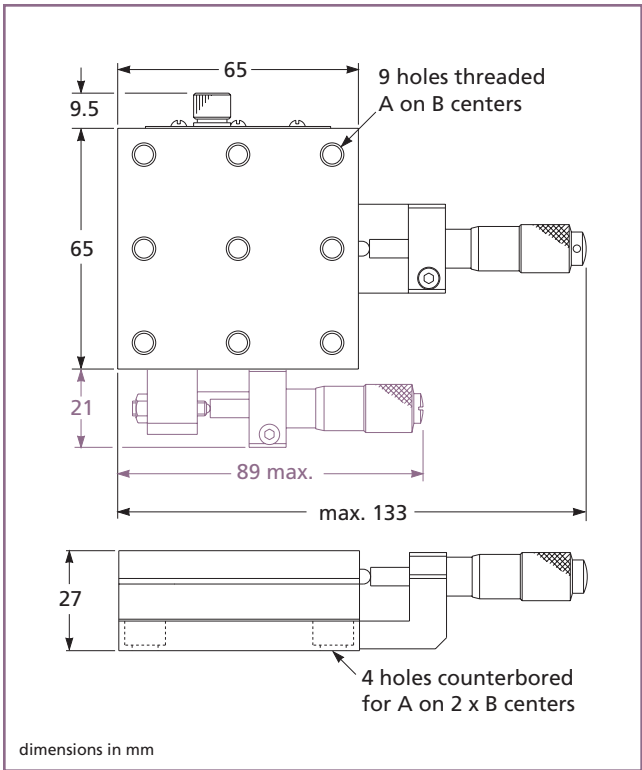
Single-Axis Aluminum Translation Stages

Melles Griot aluminum stages are ideal when weight must be minimized. At about 60% the weight of their steel counterparts, these stages come in several different sizes and are constructed with either precision ball or cross-roller-bearings. The cross-roller bearings allow the stage to support heavier loads than the ball bearings.

- Travel ranges from 6 to 13 mm with resolution better than 3 μm .
- The straightness of travel is better than 3 μm .
- Stages are available with center or side mounted micrometer.
- Position-locking feature is included.



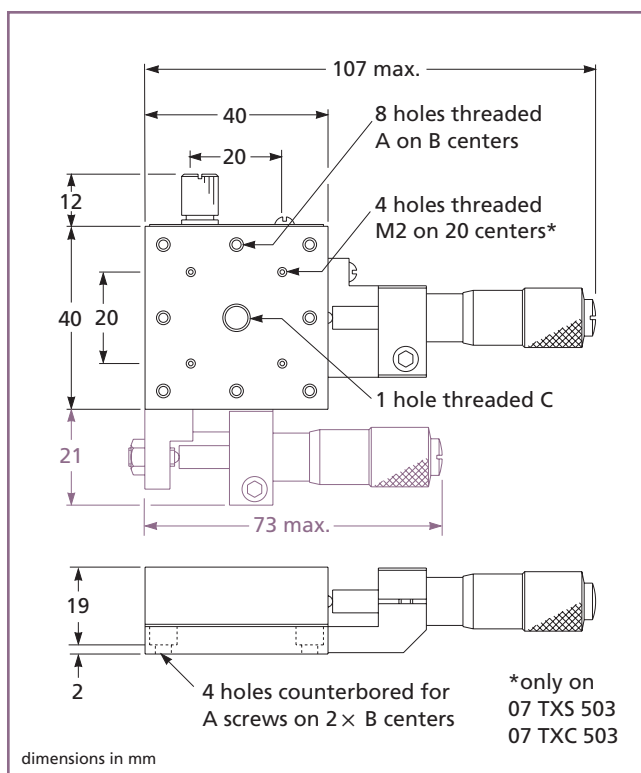
07 TLS 501 and 07 TLC 501 ball bearing stages



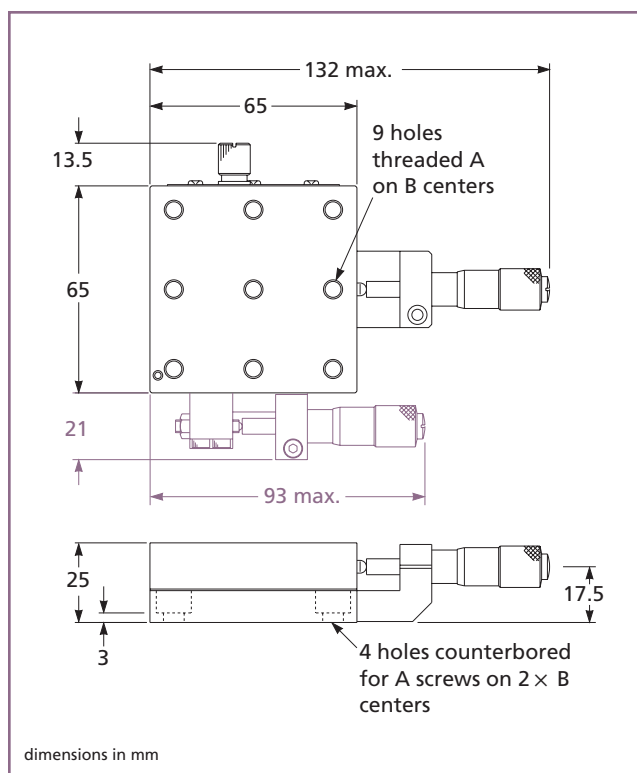
07 TLS 004/504 and TLC 004/504 ball bearing stages

Single-Axis Aluminum Translation Stages, Ball Bearing

Platform Size (mm)	Travel (mm)	Load Capacity (kg)	Weight (kg)	A (Thread)	B (mm)	PRODUCT NUMBER	
						Side Drive	Center Drive
25 × 25	6	0.5	0.05	—	—	07 TLS 501	07 TLC 501
65 × 65	13	5	0.3	1/4-20	25.4	07 TLS 004	07 TLC 004
65 × 65	13	5	0.3	M6	25.0	07 TLS 504	07 TLC 504



07 TXS 003/503 and 07 TXC 003/503
cross-roller bearing stages



07 TXS 005/505 and 07 TXC 005/505
cross-roller bearing stages

Single-Axis Aluminum Translation Stages, Cross-Roller Bearing

Platform Size (mm)	Travel (mm)	Load Capacity (kg)	A (Thread)	B (mm)	B (mm)	PRODUCT NUMBER	
						Side Drive	Center Drive
40 × 40	13	2	M3	16.0	M6	07 TXS 503	07 TXC 503
40 × 40	13	2	6-32	15.9	1/4-20	07 TXS 003	07 TXC 003
65 × 65	13	6	M6	25.0	—	07 TXS 505	07 TXC 505
65 × 65	13	6	1/4-20	25.4	—	07 TXS 005	07 TXC 005